

Converting Colors

YUV(168.7400, -22.5498,
-0.6490)

Have a look what the booklet for
YUV(168.7400, -22.5498, -0.6490)
contains.

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Color

**YUV(168.7400, -22.5498,
-0.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B27B
RGB	168, 178, 123
RGB Percent	66%, 70%, 48%
CMY	0.3412, 0.3020, 0.5176
CMYK	0.06, 0.00, 0.31, 0.30
HSL	71°, 26%, 59%
HSV	71°, 31%, 70%
XYZ	35.6440, 41.5957, 24.8890
YIQ	168.7400, 11.6950, -19.2250

Conversions

Conversions Part 2

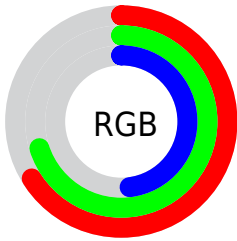
Format	Color
RYB	123, 178, 133
Decimal	11055739
CIELab	70.59, -12.67, 27.01
CIELCh	71, 29.833, 115.134
Yxy	41.5957, 0.3490, 0.4073
Android (android.graphics.Color)	4289245819 (0xFFA8B27B)
YUV	168.7400, -22.5498, -0.6490
Hunter-Lab	64.4947, -14.2150, 22.2658

Details

The YUV color $168.7400, -22.5498, -0.6490$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $132.2600, 22.5498, 0.6490$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.3980, -23.8602, -0.3490$, and $116.0820, -21.2394, -0.9489$ is the 20% darker color. If you saturate the color by 10%, you get $165.7910, -29.9700, -0.6937$, and if you desaturate by 10%, it is $171.6890, -15.1297, -0.6043$.

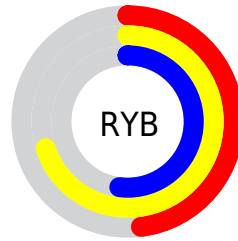
Distribution



Red (66%)

Green (70%)

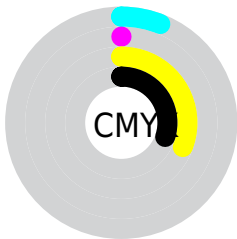
Blue (48%)



Red (48%)

Yellow (70%)

Blue (52%)

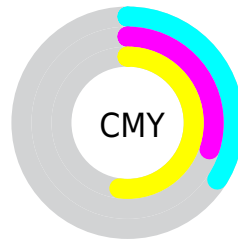


Cyan (6%)

Magenta (0%)

Yellow (31%)

Black (30%)



Cyan (34%)

Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7400, -22.5498, -0.6490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 168.7400, -22.5498, -0.6490 by changing the saturation by 10% instead.

■ 168.7400,
-22.5498, -0.6490

■ 168.7400,
-22.5498, -0.6490

■ 255.0000, 0.0000,
0.0000

■ 141.9680,
-21.6762, -0.8489

■ 224.3980,
-23.8602, -0.3490

■ 116.0820,
-21.2394, -0.9489

■ 248.5880,
-21.9819, 3.8693

■ 91.3100, -20.3658,
-1.1489

■ 252.3780,
-10.0464, 2.2995

■ 68.1250, -19.7816,
-1.8636

■ 45.0110, -20.2184,
-1.7636

■ 25.0630, -12.3561,
-3.5633

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 168.7400,
-22.5498, -0.6490

■ 168.7400,
-22.5498, -0.6490

■ 165.7910,
-29.9700, -0.6937

■ 171.6890,
-15.1297, -0.6043

■ 162.8420,
-37.3901, -0.7384

■ 174.6380, -7.7095,
-0.5595

■ 159.7080,
-44.2260, -1.4979

■ 177.7720, -0.8736,
0.2000

■ 156.7590,
-51.6462, -1.5426

■ 180.7210, 6.5465,
0.2447

■ 153.8100,
-59.0663, -1.5874

■ 183.6700, 13.9667,
0.2894

■ 150.8610,
-66.4865, -1.6321

■ 186.6190, 21.3868,
0.3341

■ 148.1400,
-73.0330, -1.8768

■ 189.8670, 28.6596,
0.9936

■ 191.5620, 31.2749,
2.1381

■ 192.4590, 30.8327,
3.9825

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.3730, -25.8199, 21.5979



168.7400, -22.5498, -0.6490



165.0450, -11.8542, -24.5955

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.7400, -22.5498, -0.6490



161.3360, 26.9494, -57.2997



176.7800, 0.6015, 40.5349

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



168.7400, -22.5498, -0.6490



132.2600, 22.5498, 0.6490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.6990, 13.4594, 23.0660



168.7400, -22.5498, -0.6490



168.8320, 28.1838, -33.1787

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.7400, -22.5498, -0.6490



158.0120, 18.2351, -62.2775



174.4660, 23.4343, -3.0397



175.4850, -12.0711, 45.1787

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.7400, -22.5498, -0.6490



162.4650, -2.2012, -40.7498



174.4660, 23.4343, -3.0397



176.8980, 4.9803, 36.0465

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



168.7400, -22.5498, -0.6490



228.4100, -8.5831, -0.3596



144.7280, -10.7119, 29.1795



114.9200, -5.3836, 0.0702



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.7400, -22.5498, -0.6490



217.4120, -35.2061, -1.2383



160.6670, -18.5698, -17.2480



87.6750, -3.7838, 0.2850



127.1860, -62.7027, -1.9171



21.5410, -10.6197, -0.4745

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



132.2600, 22.5498, 0.6490



160.5880, 35.2061, 1.2383



140.3330, 18.5698, 17.2480



81.6240, 3.6364, 0.3298



25.8140, 62.7027, 1.9171



4.4590, 10.6197, 0.4745

Previews

White Background



This preview shows how the YUV color 168.7400, -22.5498, -0.6490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 168.7400, -22.5498, -0.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

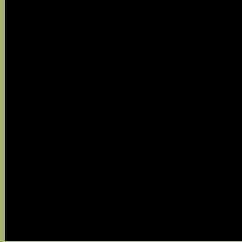
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.7400, -22.5498, -0.6490

Background



This preview shows how black text looks on a background with the YUV color 168.7400, -22.5498, -0.6490.



This preview shows how white text looks on a background with the YUV color 168.7400, -22.5498, -0.6490.

-0.6490.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

168.7400, -22.5498, -0.6490

Protanopia

170.3720, -24.3404, 13.7058

Deuteranopia

172.2150, -22.7840, 27.8754



Tritanopia

173.3900, 5.2307, 2.2890

Trichromacy



Original Color

168.7400, -22.5498, -0.6490

Protanomaly

169.5670, -23.4505, 8.2727

Deuteranomaly

171.1490, -22.7515, 17.4093

Tritanomaly

171.7460, -4.8048, 1.0998

Monochromacy



Original Color

168.7400, -22.5498, -0.6490

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7400, -22.5498, -0.6490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 178, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 178, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 123) }
```

Border

The CSS property to change the border of an element to YUV 168.7400, -22.5498, -0.6490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 178, 123) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 178, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 178, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 168.7400, -22.5498, -0.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
178, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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